

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract now appearing in the currently filed specification as follows:

~~It is an object to provide a time domain pulsed spectroscopy apparatus in which time domain pulsed spectroscopy of multiple samples, states thereof, and so on can be carried out easily and in a short period of time. A time-domain pulsed spectroscopy apparatus of the present invention comprises which has a pulsed laser light source; a splitting unit configured to split pulsed laser light from the pulsed laser light source into excitation pulsed laser light and detection pulsed laser light; a pulsed-light emitting unit; a detector; a sample holder configured to hold the sample; and a sample-unit entrance and exit optical systems configured to guide the pulsed light from the pulsed light emitting unit to the sample and to guide to the detector pulsed light reflected from or transmitted through the sample due to the irradiation; wherein the time-domain pulsed spectroscopy apparatus further comprises: at least one optical-path-length varying unit for setting a photometric range, disposed in an incident side optical path from the splitting unit to the pulsed-light emitting unit and/or in a detection side optical path from the splitting unit to the detector; and at least one optical delay unit for the wave form signal measurement; disposed in the incident side optical path from the splitting unit to the pulsed-light emitting unit and/or in the detection side optical path from the splitting unit to the detector and, at least one gate member to pass or block the pulsed light to a reflector.~~